

What is Claimed is:

- 5 1. A flame resistant, laser weldable polyester resin composition, comprising:
 - (A) 10 to 90 weight percent thermoplastic polyester; *PES*
 - (B) 1 to 35 weight percent phosphorus containing flame *δ* retardant;
 - (C) 1 to 25 weight percent phenolic polymer; and *PR*
 - (D) 1 to 25 weight percent thermoplastic acrylic polymer; *PALR*
- 10 the above stated percentages being based on the total weight of the components A-D and articles made therefrom.
2. The polyester resin composition of Claim 1, further comprising up to about 120 parts by weight of an inorganic reinforcing agent per 100 parts by weight
- 15 of the sum of the said components (A), (B), (C), and (D).
3. The polyester resin composition of Claim 1 wherein said phenolic polymer is a novolac.
- 20 4. The polyester resin composition of Claim 2 wherein said phenolic polymer is a novolac.
- 25 5. The polyester resin composition of Claim 1 wherein the phosphorus containing flame retardant is an oligomeric aromatic phosphate ester.
- 30 6. The polyester resin composition of Claim 5 wherein the oligomeric aromatic phosphate ester is resorcinol bis(di-2,6-xylyl)phosphate.
7. The polyester resin composition of Claim 2 wherein the phosphorus containing flame retardant is an oligomeric aromatic phosphate ester.
8. The polyester resin composition of Claim 7 wherein the oligomeric aromatic phosphate ester is resorcinol bis(di-2,6-xylyl)phosphate.
- 35 9. The polyester resin composition of Claim 3 wherein the phosphorus containing flame retardant is an oligomeric aromatic phosphate ester.

10. The polyester resin composition of Claim 9 wherein the-oligomeric aromatic phosphate ester is resorcinol bis(di-2,6-xylyl)phosphate.
- 5 11. The polyester resin composition of Claim 4 wherein the phosphorus containing flame retardant is an oligomeric aromatic phosphate ester.
12. The polyester resin composition of Claim 11 wherein the-oligomeric aromatic phosphate ester is resorcinol bis(di-2,6-xylyl)phosphate.
- 10 13. The polyester resin composition of Claim 1 wherein said thermoplastic polyester is selected from the group consisting of poly(ethylene terephthalate) (PET), poly(1,4-butylene terephthalate) (PBT), poly(propylene terephthalate) (PPT), copolymers of at least two of PET, PBT, and PPT, mixtures of at least two of PET, PBT, and PPT, and mixtures of any of the
15 forgoing.
14. The polyester resin composition of Claim 1 wherein a part or whole of component (d) has a glass transition temperature of not higher than 0 °C.
- 20 15. The polyester resin composition of Claim 1 wherein component (d) has a core-shell structure.
16. An molded article comprising the polyester resin composition of Claim 1.
- 25 17. A laser welded article comprising the polyester resin composition of Claim 8.